

## **Region 3 GPRA Baseline RCRA Corrective Action Facility**

# **Chesapeake Finished Metals**

**6754 Santa Barbara Court  
Baltimore, MD 21227  
Congressional District 2  
EPA ID #: MDD069380657  
Final Update**

## **Current Progress at the Site**

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This facility is one of EPA Region III's high priority RCRA corrective action sites. The U.S. Army Corps of Engineers (COE) conducted a RCRA site inspection of the Chesapeake Finished Metals (CFM) facility in September 1998. An Environmental Indicator Inspection Report for the facility was completed by the COE and submitted to EPA in March 1999. Based on the information contained in the report, EPA had requested that CFM conduct groundwater sampling in the area of the former on-site stormwater collection basin. Furthermore, EPA had requested that CFM conduct an inspection of the concrete floors below the process area to assess the condition of the floors to ensure that the floors are providing a barrier to prevent process related wastes from reaching underlying soils and groundwater. In February 2001, CFM submitted a work plan for conducting the investigation as requested by EPA. That work plan was reviewed and approved by EPA.

CFM conducted the investigation, during April and May 2001, in accordance with the work plan. In June 2001, CFM provided an Investigation Report to EPA, detailing the results of the investigation. Based on the results of the investigation, EPA made a preliminary decision that no further action is warranted at this facility at this time. EPA provided a public notice stating their no further action decision. There were no comments on EPA's preliminary decision for no further action, therefore a final no further action decision was rendered for this facility.

## **Site Description**

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Chesapeake Finished Metals, Inc. is a service industry with the capability to clean, electrogalvanize, surface conversion treat, paint or oil cold-rolled steel, hot dipped galvanized steel, black plate steel or aluminum. Initial operations began in 1976 and included scrubbing of coiled steel with an alkaline polyphosphate cleaner and high pressure washer; electrogalvanizing with zinc sulfate and dilute sulfuric acid and rinsing with water; processing with iron phosphate and an alkaline complex oxide or phosphoric acid; chromate treatment, chromium acid rinse and water rinse; and final processing with primer, paint or other coating. In 1992, a new process replaced the chromate treatment. All chromate submersion baths associated with the previous treatment process were removed and replaced by a new surface conversion process. The new process applies chrome treatment directly to the roll of metal with little waste product being generated. CFM has an on-site wastewater treatment facility and possesses a Howard County (MD) Final Wastewater Discharge Permit.

## **Site Responsibility**

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RCRA Corrective Action activities at this facility are being conducted under the direction of EPA Region 3 with assistance from the State.

## **Contaminants**

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Based on the historical information regarding a fuel oil spill and analytical results that revealed elevated metals in water samples from the former storm water basin, potential contaminants of concern at the CFM facility have been identified as semi-volatile compounds, zinc, and chromium.

## **Community Interaction**

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Due to the relatively small size of this facility, the anticipated little to no environmental impacts, and the fact that the facility is located in a predominantly industrial/commercial area, community interaction is not anticipated at this time.

## **Government Contacts**

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For more information about EPA's corrective action webpage, including our Environmental Indicators, please visit our site at: [www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm)

## **Facility Contact**

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